SUBJECT INDEX TO VOLUME 25 (1986)—ONCOLOGY

Experimental oncology

Influence of ^{90}Sr, adult thymectomy and antilymphocyteglobulin on haematopoietic tissues and peripheral blood leucocytes in CBA mice 147

Experimental radiation biology

Radiation biology of malignant melanoma 1
Cell proliferation and differentiation in the small intestine after irradiation with multiple fractions . 51
Provoked repetitive healing of mature bone tissue following irradiation—A quantitative investigation 57
Changes in energy metabolism following roentgen irradiation of in vivo growing Ehrlich ascites tumour cells studied by ^{31}P magnetic resonance spectroscopy 63
Effect of lacatate on the recovery of CHO-KI cells from gamma radiation damage 71
Partial prevention of tritium induced uterine involution in mice by 2-mercaptopropionylglycine . . 77
Value of hydroxyproline measurements in the assessment of late radiation enteropathy 137
Influence of ^{90}Sr, adult thymectomy and antilymphocyteglobulin on haematopoietic tissues and peripheral blood leucocytes in CBA mice 147
Strontium retention in mouse foetuses at different intervals after contamination of the dam 155
Enhancement of hemopoietic recovery by indomethacin after sublethal whole-body gamma irradiation 195
Evidence of C-cell destruction in the thyroid gland of mice exposed to high ^{131}I doses 199
Late radiation enteropathy following split-dose irradiation of rat small intestine 203
Effect of irradiation on early enzymatic changes in healing mandibular periosteum and bone—A histochemical study on rats 207
Effect of high ^{131}I doses on the bone uptake and retention of ^{90}Sr and ^{90}Y 255
Effect of high ^{131}I doses to the thyroid gland on tumorigenicity of ^{90}Sr and ^{90}Y in mice 261
Cell size following irradiation in relation to cell cycle 269
Radiobiologic response of CHO-KI cells treated with vitamin A 275
Radiosensitizing effects of nicotinamide on a C3H mouse mammary adenocarcinoma 281
Increased protective effect of hypoxia against radiation following activation of haemopoiesis with dextran sulphate 285
Combined effects of ultrasound and ionizing radiation on lymphocyte chromosomes 291

Epidemiology and etiology

Reliability of record linkage in the Swedish Cancer-Environment Register 11
Geographic variations of breast carcinoma incidence in Sweden—Are the differences real? 99
Breast cancer following multiple chest fluoroscopies among tuberculosis patients 233

Clinical oncology

Diagnostics, Symptomatology

Chest radiography in the follow-up of breast cancer 15
Energy and protein intake and nutritional status in non-surgically treated patients with small cell anaplastic carcinoma of the lung 19
Evaluation of the pulse wash sampling technique for screening of uterine cervical carcinoma 131
Primary extraosseous osteogenic sarcoma in the retroperitoneal space—A case report and review of the literature 191
Bone metastasis—Prognosis, diagnosis and treatment 227

Prognostic factors, Tumour markers

Early effects of preoperative irradiation upon the cell cycle composition in rectal adenocarcinomas—A flow-cytometric DNA investigation 45
Postoperative radiation therapy and adjuvant chemoimmunotherapy in breast cancer—Aspects of timing and immune competence 161
Enzyme immuno assay of the estrogen receptor in breast cancer biopsy samples—A comparison with isoelectric focusing 171
Bone metastasis—Prognosis, diagnosis and treatment 227
Survival and prognostic factors in thyroid carcinoma 243
Flow cytometric DNA patterns in cervical carcinoma 249

Surgery

Chordoma—Report on treatment results in eighteen cases 41
Primary breast cancer—Complications of axillary management 105
Therapy of esophageal carcinoma—Results from the Joint Group of Esophageal Carcinoma in Rotterdam 115
Bone metastasis—Prognosis, diagnosis and treatment 227

Radiation therapy, Clinical radiation biology

Radiation biology of malignant melanoma 1
Energy and protein intake and nutritional status in non-surgically treated patients with small cell anaplastic carcinoma of the lung 19
Radiation therapy of primary malignant lymphoma of the brain 23
Radiation treatment of testicular relapse in acute lymphoblastic leukemia 29
Paternity after irradiation for testicular cancer . . . 33
Interstitial ^{131}I implantation in the retreatment of retroperitoneal soft tissue sarcoma—Report of a case 37
Chordoma—Report on treatment results in eighteen cases 41
Early effects of preoperative irradiation upon the cell cycle composition in rectal adenocarcimomas—A flow-cytometric DNA investigation 45
Stereotactic radiation therapy of intracranial lesions —Methodologic aspects 81
Treatment of non-Hodgkin lymphomas in the nasal cavities and paranasal sinuses—A failure analysis 91
Primary breast cancer—Complications of axillary management 105
Therapy of esophageal carcinoma—Results from the Joint Group of Esophageal Carcinoma in Rotterdam 115
Computed tomography in the assessment of pancreatic tumor response after intraoperative radiation therapy 121
Postoperative radiation therapy and adjuvant chemoimmunotherapy in breast cancer—Aspects of timing and immune competence 161
Different fractionation schedules in radiation treatment of cerebral metastases 181
Daily multiple session radiation therapy in advanced oral carcinoma—A preliminary investigation . . 185
Irradiation of the thoracic esophagus—prone versus supine treatment positions 187
Bone metastasis—Prognosis, diagnosis and treatment 227

Radiation injury

Paternity after irradiation for testicular cancer . . 33
Primary breast cancer—Complications of axillary management 105
Radiographic evaluation of pulmonary fibrosis following mantle field irradiation in Hodgkin's disease 109
Early stage carcinoma of the uterine cervix—Effects of intracavitary radium treatment on lymphoid cells in blood and pelvic lymph nodes 127
Cytogenetic damage induced in human lymphocytes by low doses of ^{60}Co gamma rays delivered at high and low dose rates 143
Thyroid function after postoperative radiation therapy in patients with breast cancer 167
Breast cancer following multiple chest fluoroscopies among tuberculosis patients 233
Sarcoma following irradiation for breast cancer . . 239

Chemotherapy and hormonal therapy

Energy and protein intake and nutritional status in non-surgically treated patients with small cell anaplastic carcinoma of the lung 19
Treatment of non-Hodgkin lymphomas in the nasal cavities and paranasal sinuses—A failure analysis 91
Postoperative radiation therapy and adjuvant chemoimmunotherapy in breast cancer—Aspects of timing and immune competence 161
Combination chemotherapy with dacarbazine and lomustine in disseminated malignant melanoma . . 177
Bone metastasis—Prognosis, diagnosis and treatment 227

Tumours (specific sites)

Digestive system

Early effects of preoperative irradiation upon the cell cycle composition in rectal adenocarcinomas—A flow-cytometric DNA investigation 45
Therapy of esophageal carcinoma—Results from the Joint Group of Esophageal Carcinoma in Rotterdam 115
Computed tomography in the assessment of pancreatic tumor response after intraoperative radiation therapy 121
Daily multiple session radiation therapy in advanced oral carcinoma—A preliminary investigation . . 185
Irradiation of the thoracic esophagus—Prone versus supine treatment positions 187

Respiratory system

Energy and protein intake and nutritional status in non-surgically treated patients with small cell anaplastic carcinoma of the lung 19
Treatment of non-Hodgkin lymphomas in the nasal cavities and paranasal sinuses—A failure analysis 91

Skin

Radiation biology of malignant melanoma 1
Combination chemotherapy with dacarbazine and lomustine in disseminated malignant melanoma . . 177

Breast

Chest radiography in the follow-up of breast cancer 15
Geographic variations of breast carcinoma incidence in Sweden—Are the differences real? . . 99

Primary breast cancer—Complications of axillary management 105
Postoperative radiation therapy and adjuvant chemoimmunotherapy in breast cancer—Aspects of timing and immune competence 161
Thyroid function after postoperative radiation therapy in patients with breast cancer 167
Enzyme immuno assay of the estrogen receptor in breast cancer biopsy samples—A comparison with isoelectric focusing 171
Breast cancer following multiple chest fluoroscopies among tuberculosis patients 233
Sarcoma following irradiation for breast cancer . . 239

Female genital organs

Early stage carcinoma of the uterine cervix—Effects of intracavitary radium treatment on lymphoid cells in blood and pelvic lymph nodes 127
Evaluation of the pulse wash sampling technique for screening of uterine cervical carcinoma 131
Flow cytometric DNA patterns in cervical carcinoma 249

Male genital organs

Paternity after irradiation for testicular cancer . . 33

Endocrine organs

Survival and prognostic factors in thyroid carcinoma 243

Nervous system and sense-organs

Radiation therapy of primary malignant lymphoma of the brain 23
Stereotactic radiation therapy of intracranial lesions—Methodologic aspects 81
Different fractionation schedules in radiation treatment of cerebral metastases 181

Haemopoietic, lymphatic and reticuloendothelial systems

Radiation therapy of primary malignant lymphoma of the brain 23
Radiation treatment of testicular relapse in acute lymphoblastic leukemia 29
Treatment of non-Hodgkin lymphomas in the nasal cavities and paranasal sinuses—A failure analysis 91
Radiographic evaluation of pulmonary fibrosis following mantle field irradiation in Hodgkin's disease 109

Bone and soft tissue

Interstitial ^{125}I implantation in the retreatment of retroperitoneal soft tissue sarcoma—Report of a case 37
Chordoma—Report on treatment results in eighteen cases 41
Primary extraosseous osteogenic sarcoma in the retroperitoneal space—A case report and review of the literature 191
Bone metastasis—Prognosis, diagnosis and treatment 227
Sarcoma following irradiation for breast cancer . . 239

Radiation physics

Dosimetry

Dosimetry and quality specification of high energy photon beams 213
Neutron dosimetry with detectors of finite size—I—Theory 295
Neutron dosimetry with detectors of finite size—II—Experiments and calculations 303

Book reviews

Soft tissue sarcoma 311
Gynecologic cancer 311
Computers in radiotherapy and oncology 312